| Index of Claims |  |
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| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|
| 10/688,375              | FREEMAN ET AL.                          |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |
| Dung Nguyen             | 2871                                    |  |  |  |  |  |  |

| / | Rejected | _ | (Through numeral)<br>Cancelled |
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| = | Allowed  | ÷ | Restricted                     |

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| ı | Interference |

| A | Appeal   |
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| Cla   | Date                             |          |  |          |          |     |   |          |          |    |
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|       | 9                                |          |  |          |          |     |   |          |          |    |
| Final | Original                         | 11/13/06 |  |          | l        |     |   |          |          | ١, |
| Ē     | )<br>Ţį                          | ĮΞ       |  |          |          |     |   |          |          |    |
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|       | 9                                | п        |  |          |          |     |   |          |          |    |
|       | 10                               | =        |  |          |          |     |   |          |          |    |
|       | 11                               | 11       |  |          |          |     |   |          |          |    |
|       | 12                               | =        |  |          |          |     |   |          |          |    |
|       | 11<br>12<br>13<br>14<br>15<br>16 | =        |  |          |          |     |   |          |          |    |
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|       | 15                               | =        |  |          |          |     |   |          |          |    |
|       | 16                               | =        |  |          |          | Г   |   |          |          | П  |
|       | 17<br>18                         | =        |  |          |          |     |   |          |          | П  |
|       | 18                               | =        |  |          | Г        |     |   |          | Г        | П  |
|       | 19                               | =        |  | Г        | Г        |     |   |          |          | П  |
|       | 20                               | =        |  |          |          |     |   |          |          | П  |
|       | 20<br>21                         |          |  |          | $\Box$   |     |   |          |          | П  |
| - "   | 22                               |          |  |          | Γ        |     |   |          |          | П  |
|       | 22<br>23<br>24                   | Г        |  |          |          |     |   |          |          |    |
|       | 24                               | Г        |  |          |          |     |   |          |          | П  |
|       | 25                               |          |  | Г        |          |     |   |          |          | П  |
|       | 26<br>27                         |          |  |          |          |     |   |          |          | П  |
|       | 27                               | Г        |  |          |          |     |   |          |          | П  |
|       | 28<br>29                         |          |  |          |          |     |   |          | Т        | М  |
|       | 29                               |          |  |          |          |     |   |          |          | П  |
|       | 30                               |          |  |          |          |     |   |          |          | П  |
|       | 31                               |          |  |          | Т        | П   |   | $\vdash$ | Т        | П  |
|       | 32                               |          |  |          |          |     |   |          |          | П  |
|       | 33                               |          |  | Т        |          | Г   |   | Т        | Г        | П  |
|       | 33<br>34                         | Г        |  |          |          |     | П | $\Box$   | <u> </u> | П  |
|       | 35                               | Г        |  |          |          |     |   |          |          | П  |
|       | 36                               | П        |  | Г        |          | Г   | П | Г        |          | П  |
|       | 37                               |          |  | Г        |          | Г   |   |          |          | П  |
|       | 38                               | П        |  |          |          |     |   |          |          | П  |
|       | 39                               | П        |  |          |          |     |   |          |          | П  |
|       | 40                               | _        |  | Г        |          |     |   | Г        |          | П  |
|       | 41                               |          |  | Г        |          |     |   |          |          | М  |
|       | 42                               | Γ        |  | Г        |          |     |   |          |          | П  |
|       | 43                               |          |  |          |          |     |   |          |          | П  |
|       | 44                               | П        |  | Г        |          | П   |   |          |          | П  |
|       | 45                               | П        |  | Т        |          | П   |   |          | Т        | П  |
|       | 46                               |          |  | m        | Т        |     |   |          | T        | П  |
|       | 47                               | Г        | Т  | Т        | T        |     | Т |          | <b>—</b> | П  |
|       | 48                               | П        | $\vdash$   | $\vdash$ | $\vdash$ | Н   | _ | $\vdash$ | $\vdash$ | Н  |
|       | 49                               | Т        |  | $\vdash$ | Т        | Н   |   | Н        | _        | Н  |
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|   | Claim |          |          | Claim Date |          |          |          |          |          |          |          |  |
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|   | Final | Original |          |            |          |          |          |          |          |          |          |  |
| Ì |       | 51       |          |            |          |          |          |          |          |          |          |  |
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| ١ |       | 56       |          |            |          |          |          |          |          |          |          |  |
| ļ |       | 57       |          |            | _        | Ш        |          |          |          |          | _        |  |
| ŀ |       | 58       |          |            | <u> </u> | $\vdash$ |          |          |          |          | _        |  |
| ŀ |       | 59<br>60 |          | _          | _        | H        |          |          |          |          | _        |  |
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| Ì |       | 67       |          |            |          |          |          |          |          |          |          |  |
| Ì | -     | 68       |          |            |          |          |          |          |          |          |          |  |
| Ì |       | 69       |          |            |          |          |          | П        |          |          |          |  |
| Ì |       | 70       |          |            |          |          |          |          |          |          |          |  |
|   |       | 71       |          |            |          |          |          |          |          |          |          |  |
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|   |       | 73       |          |            |          |          |          |          |          |          |          |  |
| ļ |       | 74       |          | L          |          | <u> </u> |          |          | L        |          |          |  |
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| ļ |       | 76       |          | L_         | $\vdash$ | _        |          |          |          |          |          |  |
| ŀ |       | 77       |          |            |          | _        |          | <u> </u> |          |          | _        |  |
| ŀ |       | 78       |          |            | <u> </u> | -        |          | -        | _        |          |          |  |
| ŀ |       | 79<br>80 |          | $\vdash$   | _        | -        |          | -        | $\vdash$ | -        | -        |  |
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| Ì |       | 86       |          |            | Г        | П        | Г        | Г        | П        |          |          |  |
| 1 |       | 87       |          |            |          | П        |          |          |          |          |          |  |
| [ |       | 88       |          |            |          |          |          |          |          |          |          |  |
|   |       | 89       |          |            |          |          |          |          |          |          |          |  |
|   |       | 90       |          |            |          |          |          |          |          |          |          |  |
| ļ |       | 91       |          |            | _        | Ш        |          |          |          |          | <u> </u> |  |
| ļ |       | 92       | _        | _          |          |          |          | _        | Щ        |          | <u> </u> |  |
|   |       | 93       | $\vdash$ | $\vdash$   | L.       | _        | $\vdash$ | <u> </u> | Щ        | $\vdash$ | <u> </u> |  |
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| ł |       | 99       | $\vdash$ | H          | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | -        | -        |  |
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| Cla   | aim        | Date     |                                     |                           |          |          |          |              |          |           |
| Final | Original   |          |                                     |                           |          |          |          |              |          |           |
|       | 101        | Г        |                                     | Т                         |          | П        |          | _            | _        | Ħ         |
|       | 102        |          |                                     |                           |          |          |          |              |          |           |
|       | 103        |          |                                     |                           |          |          |          |              |          |           |
|       | 104        | <u> </u> |                                     |                           | _        |          |          |              |          | Ш         |
|       | 105        | <u> </u> |                                     | L                         |          |          |          |              |          | Ц         |
|       | 106        | L        | _                                   |                           |          |          |          |              |          | Щ         |
|       | 107<br>108 | -        | _                                   | <u> </u>                  | _        | _        | $\vdash$ | _            |          | Н         |
|       | 109        | -        | -                                   | _                         | _        | -        | $\vdash$ |              | $\vdash$ | Н         |
|       | 110        | $\vdash$ |                                     | -                         | _        | -        | -        |              | $\vdash$ | Н         |
|       | 111        |          | Т                                   | _                         |          | $\vdash$ |          |              | $\vdash$ | Н         |
|       | 112        | Г        | Г                                   | Г                         | _        | Г        | Г        | Т            | П        | П         |
|       | 113        |          |                                     |                           |          |          |          |              |          |           |
|       | 114        |          |                                     |                           |          |          |          |              |          |           |
|       | 115        |          |                                     |                           |          |          |          |              |          | Ц         |
|       | 116        | <u> </u> |                                     |                           |          |          |          |              |          | Ц         |
|       | 117        | Ш        |                                     | $ldsymbol{ldsymbol{eta}}$ |          | $\vdash$ |          | Ш            |          | Щ         |
|       | 118        | $\vdash$ | $\vdash$                            | <u> </u>                  | _        | $\vdash$ | L        | $\vdash$     | Н        | Н         |
|       | 119<br>120 | -        | -                                   | ⊢                         | _        | -        | -        | -            | _        | Н         |
|       | 121        | -        | ┝                                   | _                         | -        | -        | -        | $\vdash$     | -        | Н         |
|       | 122        | ┝        | -                                   | ┢                         | _        | ⊢        | $\vdash$ | -            |          | Н         |
|       | 122<br>123 |          |                                     | $\vdash$                  |          | $\vdash$ |          |              |          | Н         |
|       | 124        | _        | _                                   | $\vdash$                  |          | Г        | ┢        |              | _        | П         |
|       | 125        |          |                                     |                           |          |          |          |              |          |           |
|       | 126        |          |                                     |                           |          |          |          |              |          |           |
|       | 127        |          | Ш                                   |                           |          |          |          |              |          | $\square$ |
|       | 128<br>129 | <u> </u> | L                                   | <u> </u>                  |          | <u> </u> | <u> </u> | L.           | L        | Ш         |
|       | 129        | L        | Ĺ                                   | _                         |          |          | <u> </u> | L            | _        | Н         |
|       | 130<br>131 | H        |                                     | _                         | _        |          |          | <u> </u>     | -        | Н         |
|       | 132        | ├        | Н                                   |                           | $\vdash$ | _        | ┝        | ⊢            | ┢        | Н         |
|       | 133        | $\vdash$ |                                     |                           |          |          |          | $\vdash$     |          | Н         |
|       | 133<br>134 | T        | Н                                   | _                         | ┢        | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | Н         |
|       | 135        |          | Г                                   |                           |          |          |          |              |          | П         |
|       | 136        |          |                                     |                           |          |          |          |              |          |           |
|       | 137        |          | $oxed{\Box}$                        |                           |          | Ĺ        | $\Box$   |              |          | Ц         |
|       | 138<br>139 | L        | L_                                  | L                         | <u> </u> | $\vdash$ | $\vdash$ | <u> </u>     | ldash    | Ш         |
|       |            | $\vdash$ | L                                   | _                         | L        | $\vdash$ | $\vdash$ | $\vdash$     | <u> </u> | Н         |
|       | 140<br>141 | $\vdash$ | H                                   |                           |          |          | $\vdash$ |              | <u> </u> | Н         |
|       | 142        | $\vdash$ | Н                                   | ⊢                         | ⊢        | ┢        | ⊢        | -            | $\vdash$ | H         |
|       | 143        | $\vdash$ | $\vdash$                            | $\vdash$                  |          | H        | $\vdash$ | H            | H        | Н         |
|       | 144        | _        | Т                                   | Г                         | Г        | $\vdash$ | Г        | Г            | Т        | Н         |
|       | 145        |          | Т                                   |                           |          |          |          | Г            | Г        | П         |
|       | 146        |          |                                     |                           |          |          |          |              |          |           |
|       | 147        |          |                                     |                           |          |          |          |              |          |           |
|       | 148        | L        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $\Box$                    |          | oxdot    |          | $oxed{\Box}$ | Ш        | Ц         |
|       | 149        | _        | L                                   | _                         | _        | <u> </u> | L        | <u> </u>     | L        | Ц         |
|       | 150        | Ш        | L.                                  | L                         |          | L        | L        | L_           | L        | Ш         |